

Message Text

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PAGE 01 STATE 086412

14

ORIGIN EB-11

INFO OCT-01 CIAE-00 COME-00 DODE-00 INR-10 NSAE-00 RSC-01

TRSE-00 EUR-25 AEC-11 ADP-00 PM-09 MC-02 ACDA-19 /089 R

DRAFTED BY PM/ MC: WCMITHOEFER/ EB/ ITP/ EWT: JMGREGORY, JR.: CK
5/7/73: EXT. 20442

APPROVED BY EB/ ITP/ EWT: JMGREGORY, JR.

RPE

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R 072159 Z MAY 73

FM SECSTATE WASHDC

TO USMISSION OECD PARIS

C O N F I D E N T I A L STATE 086412

EXCON

EO 11652: XGDS-1

TAGS: ESTC, COCOM, US, CH

SUBJ: US INERTIAL NAVIGATION SYSTEMS TO PRC - IL 1485

REF: A. COCOM DOC (73)668

B. OECD PARIS 12115

DEL MAY RESPOND TO FRENCH COLLEAGUE' S QUESTIONS REF B AS
FOLLOWS IN THE ORDER IN WHICH THEY WERE REPORTED:

A) EARLIER USE OF " G " AS A DESIGNATOR WAS AN UNCORRECTED
GARBLE. BOEING MODELS CITED SHOULD BE 707 " B " AS IN
BRAVO AND " C " AS IN CHARLIE.

B) STATEMENT OF MTBF IS A PROBLEM OF TERMINOLOGY. THERE
IS NO REDUCTION IN THE MTBF IN STEP 2 OF THE " LTN-51
SPARES ANALYSIS FOR BOEING AND THE PRC ". THE FIRST
STATEMENT OF STEP 2 SHOULD READ: " CURRENT LTN-51 INU
ACTUAL OR REAL MTBF IS 1100 HOURS AVERAGE. " HOWEVER
PROBLEMS CAUSED BY (1) PILOT ERROR (WRONG DATA ENTRIES
OR READOUTS), (2) FAULTY CONNECTIONS BETWEEN INS AND
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OTHER SYSTEMS AND/ OR (3) NON- REPETITIVE TRANSIENT DIFFI-
CULTIES WILL LEAD TO AN APPARENT MTBF OF ABOUT 500 HOURS.
USING THE SYSTEM SIMULATOR AND LITTON PROCEDURES THIS
APPARENT FAILURE RATE CAN BE SCREENED TO ABOUT 800 HOURS
MTBF. THE 300 HOURS BETWEEN THE SCREENED APPARENT FAILURE
RATE AND THE ACTUAL FAILURE RATE CAN BE RESOLVED BY USE
OF A LEVEL 1 A MAINTENANCE CAPABILITY WITH A TEST STAND
AND BY FURTHER TESTS AT A LITTON FACILITY. (FYI-- CHINESE
ARE LIMITED TO LEVEL ONE CAPABILITY, THEREFORE THEY WILL
NOT HAVE LEVEL 1 A CAPABILITY. END FYI)

C) GROUND SUPPORT SYSTEM IS FOR TESTING BEFORE OR AFTER
MOUNTING IN AIRCRAFT. ROGERS

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NMAFVVZCZ

*** Current Handling Restrictions *** n/a
*** Current Classification *** CONFIDENTIAL
@@@OASYS@@@<CONCATENATED>

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*** Current Classification *** CONFIDENTIAL

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
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Concepts: ESTC
Control Number: n/a
Copy: <CONCATENATED>
Draft Date: 07 MAY 1973
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: willialc
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Enclosure: n/a
Executive Order: XGDS-1
Errors: n/a
Film Number: n/a
From: SECSTATE WASHDC
Handling Restrictions: n/a
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ISecure: 1
Legacy Key: link1973/newtext/t19730538/aaaaihw.tel
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Office: ORIGIN EB
Original Classification: CONFIDENTIAL
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Original Previous Classification: n/a
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Review Event:
Review Exemptions: n/a
Review History: RELEASED <16-Aug-2001 by izenbei0>; APPROVED <03-Oct-2001 by willialc>
Review Markings:

Declassified/Released
US Department of State
EO Systematic Review
30 JUN 2005

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Review Release Date: n/a
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Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: <DBA CORRECTED> mcm 971230
Subject: US INERTIAL NAVIGATION SYSTEMS TO PRC - IL 1485
TAGS: ESTC, CH, US, COCOM
To: OECD PARIS
Type: TE
Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005